## III. *The apparent Times of ſuch of the* Immerſions *and* Emerſions *of* Jupiter's *Satellites, as are viſible at* London, *in the Year* 1736. *together with their Configurations at thoſe Times repreſented in a Plate* (*vide* TAB.) *by the ſame.*

| | D. | H. | M. | | |
|---|---|---|---|---|---|
| | | JANUARY. | | | |
| | | 4 O 6 | | | |
| | | FEBRUARY. | | | |
| 1 | 5 | 6 | 43 M | I. | 2 |
| 2 | 13 | 6 | 4 M | I. | 3 |
| 3 | 25 | 6 | 0 M | I. | 1 |
| | | MARCH. | | | |
| 4 | 12 | 4 | 21 M | I. | 1 |
| 5 | 19 | 4 | 9 M | I. | 4 |
| | | APRIL | | | |
| 6 | 2 | 3 | 41 M | I. | 2 |
| 7 | 4 | 4 | 38 M | I. | 1 |
| 8 | 5 | 3 | 3 M | E. | 4 |
| 9 | 20 | 2 | 57 M | I. | 1 |
| 10 | 25 | 1 | 51 M | E. | 3 |
| | | MAY. | | | |
| 11 | 2 | 2 | 16 M | I. | 3 |
| 12 | 4 | 3 | 25 M | I. | 2 |
| 13 | 6 | 1 | 14 M | I. | 1 |
| 14 | 13 | 3 | 7 M | I. | 1 |
| 15 | 29 | 0 | 26 M | I. | 2 |
| 16 | 00 | 1 | 21 M | I. | 1 |
| | | JUNE. | | | |
| 17 | 5 | 3 | 00 M | I. | 2 |
| 18 | 00 | 3 | 14 M | I. | 1 |

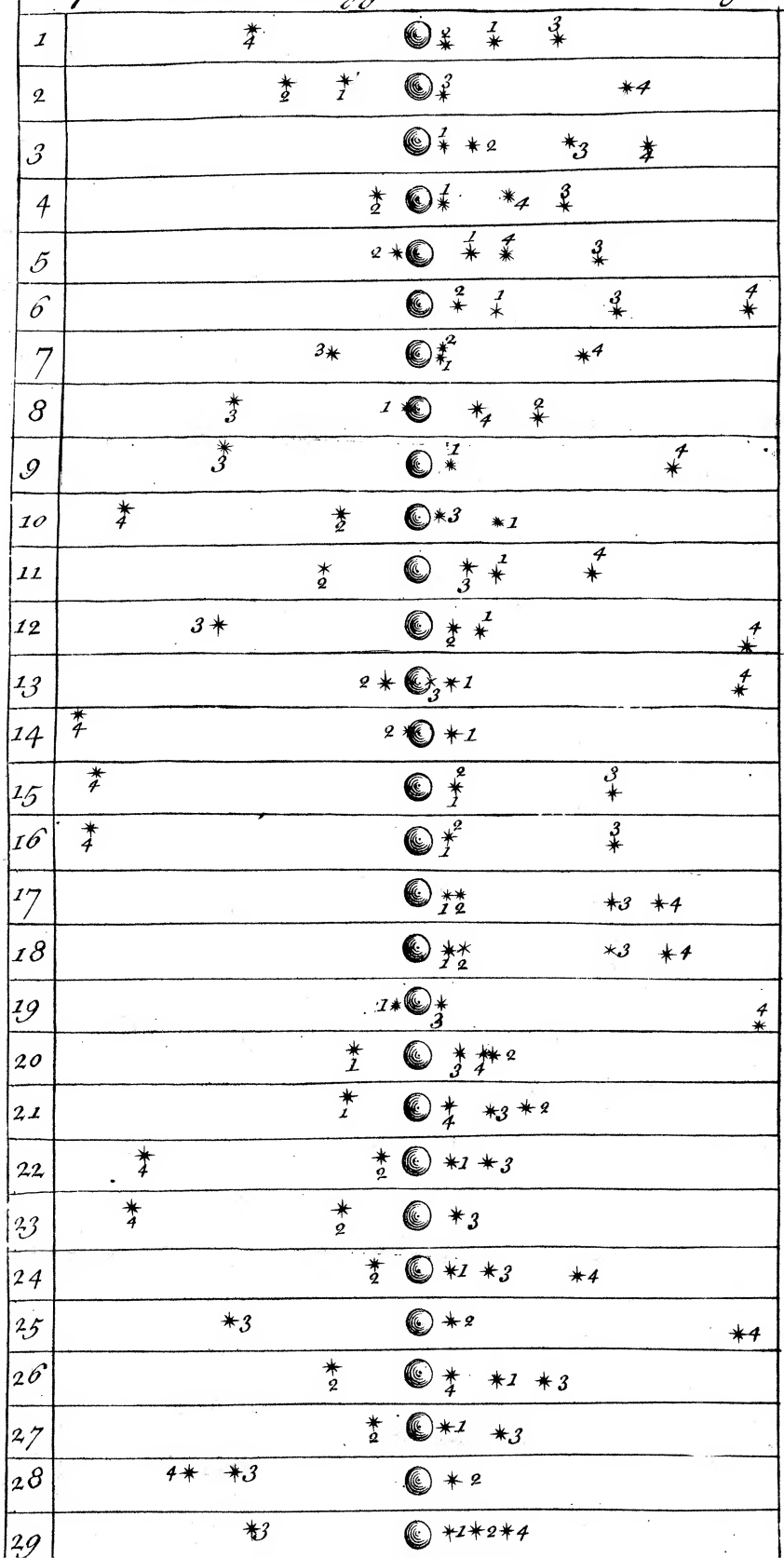
| | D. | H. | M. | | |
|---|---|---|---|---|---|
| | | JUNE. | | | |
| 19 | 7 | 1 | 46 M | E. | 3 |
| 20 | 10 | 10 | 52 A | I. | 4 |
| 21 | 11 | 3 | 38 M | E. | 4 |
| 22 | 13 | 11 | 34 A | I. | 1 |
| 23 | 14 | 2 | 8 M | I. | 3 |
| 24 | 21 | 1 | 27 M | I. | 1 |
| 25 | 22 | 9 | 26 A | I. | 2 |
| 26 | 27 | 9 | 44 A | E. | 4 |
| 27 | 28 | 3 | 20 M | I. | 1 |
| 28 | 29 | 12 | 00 | I. | 2 |
| | | JULY. | | | |
| 29 | 6 | 11 | 42 A | I. | 1 |
| 30 | 7 | 2 | 36 M | I. | 2 |
| 31 | 14 | 1 | 36 M | I. | 1 |
| 32 | 15 | 8 | 4 A | I. | 1 |
| 33 | 19 | 10 | 5 A | I. | 3 |
| 34 | 21 | 3 | 31 M | I. | 1 |
| 35 | 22 | 9 | 59 A | I. | 1 |
| 36 | 24 | 12 | 00 | E. | 2 |
| 37 | 30 | 2 | 12 M | E. | 1 |
| 38 | 31 | 8 | 41 A | E. | 1 |
| | | AUGUST. | | | |
| 39 | 1 | 2 | 37 M | E. | 2 |
| 40 | 6 | 4 | 8 M | E. | 1 |
| 41 | 15 | 0 | 34 M | E. | 1 |
| 42 | 16 | 11 | 37 A | I. | 4 |

| | D. | H. | M. | | | | D. | H. | M. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | August. | | | | | | October. | | | |
| 43 | 18 | 9 | 13 | A | E. 2 | 63 | 14 | 6 | 24 | A | E. 2 |
| 44 | 22 | 2 | 31 | M | E. 1 | 64 | 15 | 11 | 39 | A | E. 1 |
| 45 | 24 | 9 | 52 | A | E. 3 | 65 | 21 | 9 | 1 | A | E. 2 |
| 46 | 25 | 11 | 51 | A | E. 2 | 66 | 24 | 8 | 4 | A | E. 1 |
| 47 | 29 | 4 | 28 | M | E. 1 | 67 | 31 | 9 | 58 | A | E. 1 |
| 48 | 30 | 10 | 57 | A | E. 1 | | | November. | | | |
| | | September. | | | | 68 | 8 | 7 | 5 | A | I. 4 |
| 49 | 1 | 1 | 55 | M | E. 3 | 69 | 11 | 6 | 18 | A | E. 3 |
| 50 | 2 | 10 | 39 | A | E. 4 | 70 | 16 | 6 | 7 | A | E. 2 |
| 51 | 7 | 0 | 55 | M | E. 1 | 71 | 16 | 8 | 14 | A | E. 1 |
| 52 | 15 | 9 | 22 | A | E. 1 | 72 | 18 | 6 | 44 | A | I. 3 |
| 53 | 19 | 9 | 9 | A | E. 2 | 73 | 22 | 8 | 41 | A | E. 2 |
| 54 | 22 | 11 | 20 | A | E. 1 | 74 | 25 | 5 | 49 | A | E. 4 |
| 55 | 26 | 11 | 48 | A | E. 2 | | | December. | | | |
| 56 | 29 | 6 | 9 | A | E. 3 | 75 | 2 | 6 | 27 | A | E. 1 |
| 57 | 30 | 1 | 17 | M | E. 1 | 76 | 9 | 8 | 19 | A | E. 1 |
| | | October. | | | | 77 | 17 | 5 | 39 | A | E. 2 |
| 58 | 1 | 7 | 46 | A | E. 1 | 78 | 18 | 4 | 39 | A | E. 1 |
| 59 | 6 | 6 | 38 | A | I. 3 | 79 | 24 | 6 | 6 | A | E. 3 |
| 60 | | 10 | 12 | A | E. 3 | 80 | 25 | 6 | 30 | A | E. 1 |
| 61 | 8 | 9 | 43 | A | E. 1 | | | In all 80. | | | |
| 62 | 13 | 10 | 40 | A | I. 3 | | | | | | |

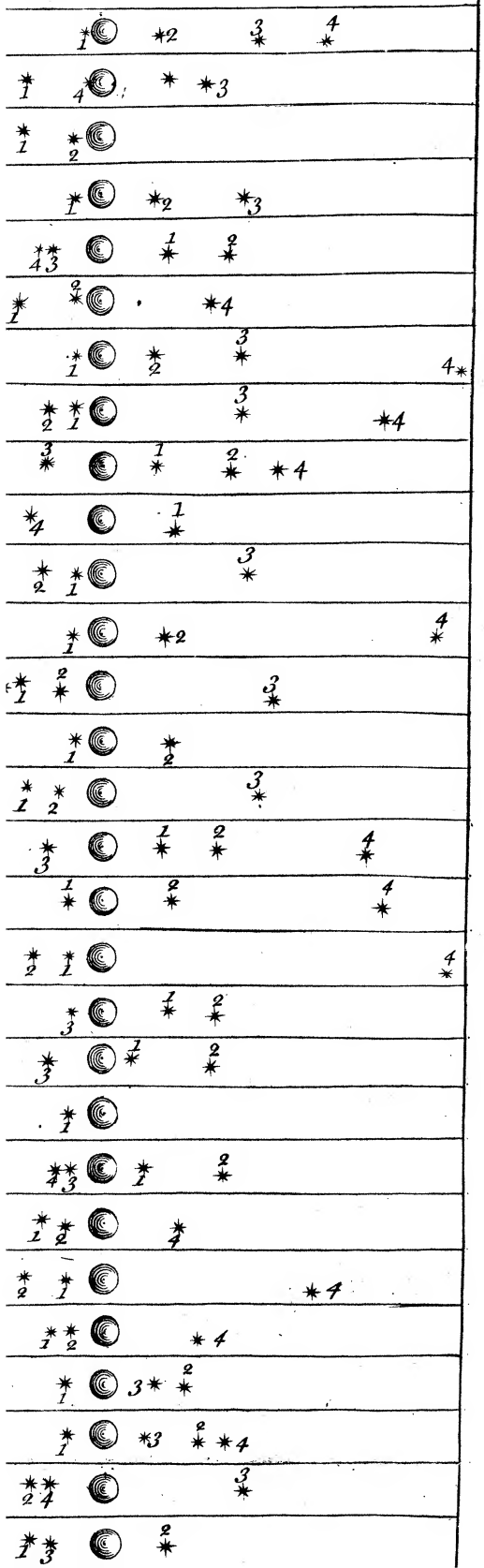
The *2d* and *5th* Columns, ſhew the Times when the Eclipſes will happen; the *3d* and *6th*, ſhew the Kind. Thus, on the *5th* of *February*, at 6 h. 43 m. in the Morning there will happen an Immerſion of the ſecond Satellite; and the Number 1, which is placed againſt the *5th* of *February* in the *1ſt* Column, refers to the Number 1 in the *1ſt* Column of the *Plate* of *Configurations*, againſt which is placed the *Correſpondent Configuration*, or the Form in which the Satellites will appear at that Time.

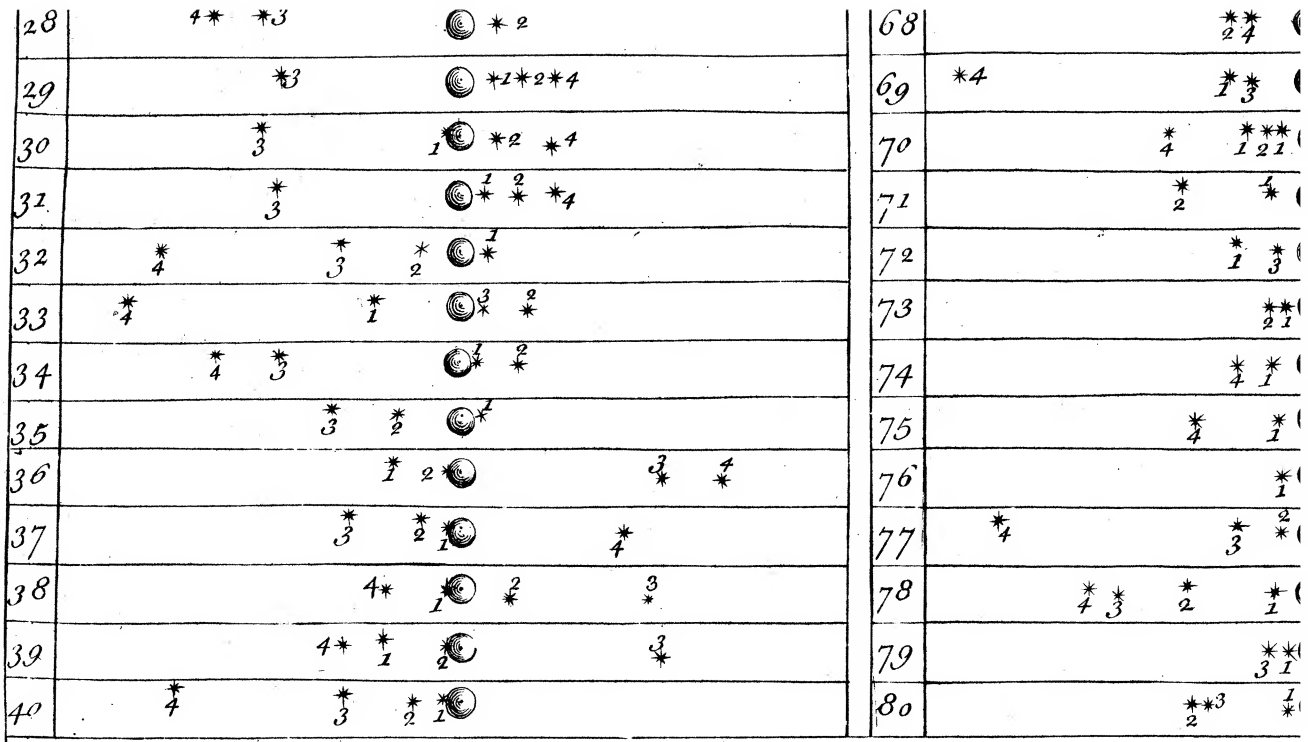
# The Configurations of Jupiter's Satellites, at the times of their Eclipses, as are visible at London, will happen in the

By James Hodgson F.R.S. Master of the Royal Ma

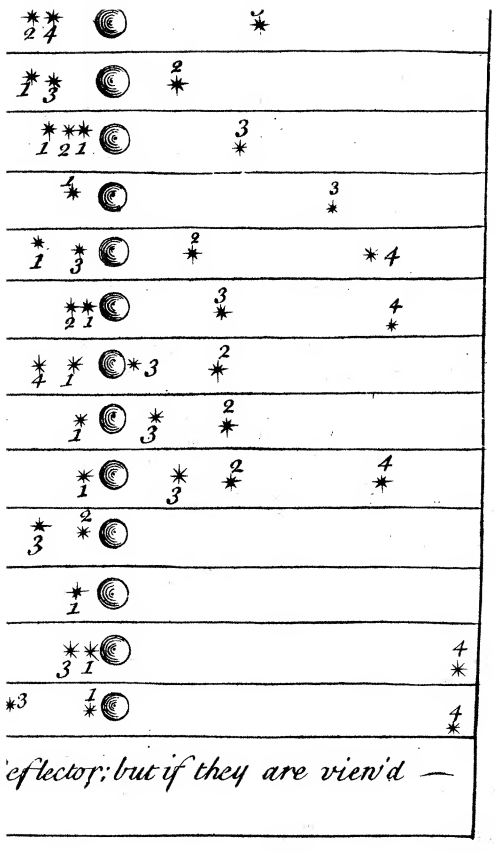


# ...es when such of thar...
# ...the Year 1736.
# ...Mathematical School.






*In these Forms will the Satellites appear, if they could be seen with a naked Eye, or through a Reflector; through a Telescope compos'd of two Convex Glasses, the Order will be inverted.*



eflector; but if they are vieu'd —

# The Configurations of Jupiter's Satellites, at the times when such of their Eclipses as are visible at London, will happen in the Year 1736.

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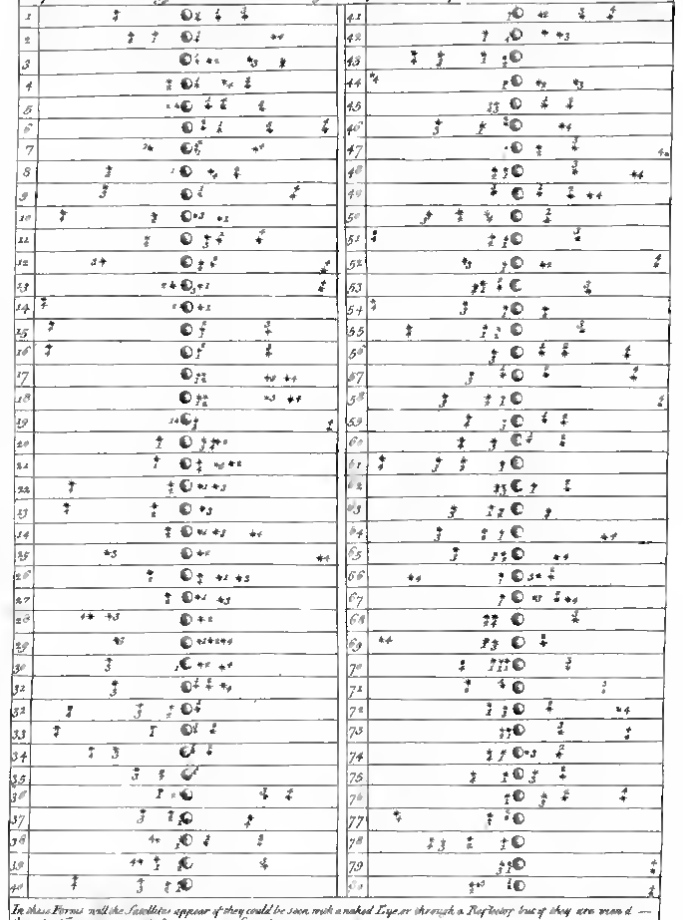

In these Forms will the Satellites appear if they could be seen with a naked Eye or through a Reflecting but if they were viewed through a Telescope composed of two convex Glasses the order will be as is the